## A Beginner's Guide to Using Portfolio Manager for Benchmarking Law Compliance



# ENERGY STAR® Portfolio Manager®

## "Basics of Building Benchmarking for Ordinance Compliance" Webinar Series

Part 1 (January 25)

A Beginner's Guide to Using Portfolio Manager for Benchmarking Law Compliance

Part 2 (February 10)
 Using Benchmarking Results to Understand your Building's Performance

• Part 3 (March 10)

To Efficiency and Beyond! How to Benefit from Benchmarking Compliance with Strategies for Improving your Energy Performance

https://www.energystar.gov/buildings/training/complying\_ordinances

#### **Learning Objectives**

- Understanding the role of EPA's Portfolio Manager tool in benchmarking law compliance
- Getting started using Portfolio Manager
- Successfully submitting building data to your local jurisdiction

Note: ENERGY STAR also has short, 5-minute videos on introductory topics related to Portfolio Manager available at <a href="https://www.energystar.gov/buildings/training">www.energystar.gov/buildings/training</a>

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#### What is a Benchmarking Law?



Interactive Map Available at: <a href="https://www.energystar.gov/buildings/program-administrators/state-and-local-governments/see-federal-state-and-local-governments/see-federal-state-and-local-benchmarking-policies">https://www.energystar.gov/buildings/program-administrators/state-and-local-governments/see-federal-state-an

Find another benchmarking ordinance map at: <a href="https://www.imt.org/resources/map-u-s-building-benchmarking-policies/">https://www.imt.org/resources/map-u-s-building-benchmarking-policies/</a>

#### **EPA vs. Jurisdiction Responsibilities**

## The EPA and ENERGY STAR can answer questions about...

- How to use Portfolio Manager
- Portfolio Manager metrics such as the ENERGY STAR score
- Portfolio Manager alerts and data quality checks
- How to connect with other Portfolio Manager users including utilities and 3<sup>rd</sup> party service providers



### Your state or local jurisdiction can answer questions about...

- Which buildings are subject to the benchmarking law
- Which data and time periods are required for reporting
- Due dates for submission and fines
- Confirmation that your report was received and/or complete



#### Portfolio Manager and Benchmarking Laws in Canada

Please direct all questions about Canadian benchmarking laws to Natural Resources Canada:

• **Toll free**: 1-877-360-5500

Ottawa local: 613-992-3245

• Email: info.services@nrcan-rncan.gc.ca

Website: <a href="https://www.nrcan.gc.ca/energy-efficiency/energy-">https://www.nrcan.gc.ca/energy-efficiency/energy-</a>

star-canada/18953



Natural Resources Canada Ressources naturelles Canada



#### **Online List of Service Providers**

#### Most Active Service & Product Providers

ENERGY STAR Service and Product Providers (SPPs) have demonstrated their expertise and achievements by meeting strict ENERGY STAR program requirements for benchmarking customer buildings using Portfolio Manager and gaining ENERGY STAR certification for buildings. Use this directory to find SPPs that have done the most for their clients through ENERGY STAR in the past 12 months.

1 - 290 of 290			Show: 25   50   100   All		
Company Name	Company Type \$	Contact \$	Benchmark	ENERGY STAR Certifications ?	
ENGIE Impact	Energy or Architecture Related Professional, Consulting or Procurement Services;Energy Management	Paige Janson 800-767-4197 (phone) info@engieimpact.com	51319	250	
Schneider Electric	Energy or Architecture Related Professional, Consulting or Procurement Services;Energy Management	Erik Mohn 502-614-2348 (phone) erik.mohn@se.com	43915	416	
WegoWise	Energy or Architecture Related Professional, Consulting or Procurement Services;Energy Management	Dan Teague 617-367-9346 (phone) dteague@wegowise.com	18658	55	
Bright Power, Inc.	Energy or Architecture Related Professional, Consulting or Procurement Services;Energy Management	Jeffrey Perlman 212-803-5868 (phone) jperlman@brightpower.com	18374	146	
Measurabl, Inc.	Energy Information and Data Management	Measurabl Team 619-719-1716 (phone) info@measurabl.com	17641	1287	
Willdan Group, Inc.	Energy or Architecture Related Professional, Consulting or Procurement Services;Energy Management	Jason Steinbock 515.271.9908 (phone) jsteinbock@willdan.com	15698	0	

View the list online here: <a href="https://www.energystar.gov/buildings/facility-owners-and-managers/existing-buildings/save-energy/expert-help/find-spp/most\_active">https://www.energystar.gov/buildings/facility-owners-and-managers/existing-buildings/save-energy/expert-help/find-spp/most\_active</a>

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## To get started benchmarking in Portfolio Manager you will need...

Property information:

2 Property use details, e.g.:

Primary function

- Operating hours
- Name, address, zip/postal code
- No. of computers

Year built

No. of workers, etc.

- Gross floor area
- 3 Consumption data for all resources that you need to report for the duration of the compliance period

Use Portfolio Manager's <u>data collection worksheet</u> to gather data upfront for your property type/s

https://portfoliomanager.energystar.gov/pm/dataCollectionWorksheet

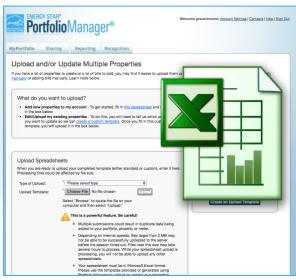
#### **Get Data Into Portfolio Manager**

Manual entry

Spreadsheet upload

**Automated data uploads** 









#### Choose the best data management method.

More on how to get utility data into Portfolio Manager: <a href="https://www.energystar.gov/buildings/tools-and-resources/how-get-data-portfolio-manager">https://www.energystar.gov/buildings/tools-and-resources/how-get-data-portfolio-manager</a>

#### **Utility Data Access and the Benefits of Aggregate Data**

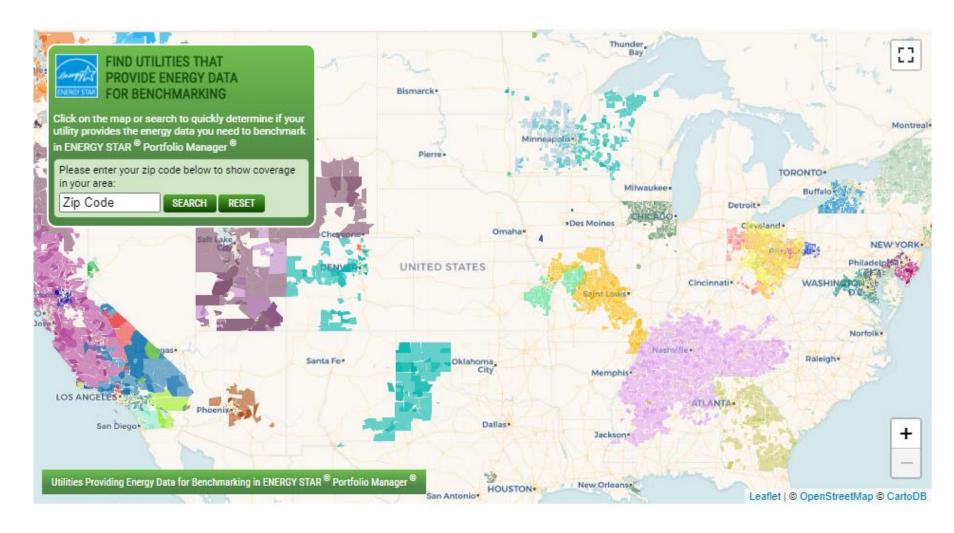
- Without complete, wholebuilding consumption data (all fuels, all meters), benchmarking results will not be accurate.
- Obtaining complete
   consumption data can be
   difficult for some multi tenant/multi-family scenarios.
- Many utilities can provide aggregate whole-building consumption data (i.e., a single consumption value for each fuel for each month).



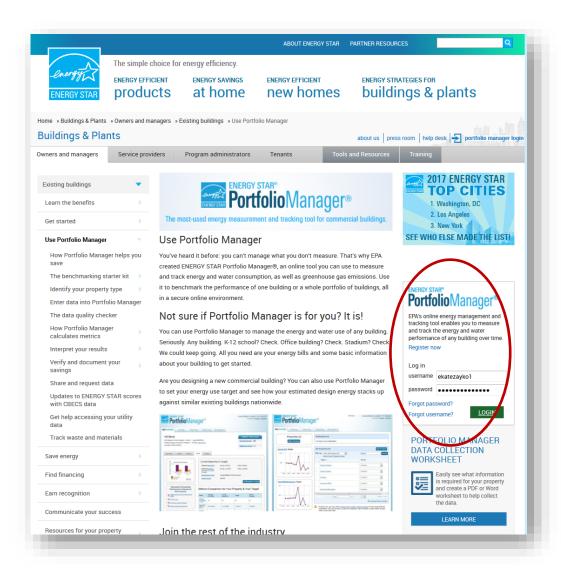
Credit: US Department of Energy



#### **Utility Data Access Map**



Website: <a href="https://www.energystar.gov/utilitydata">https://www.energystar.gov/utilitydata</a>

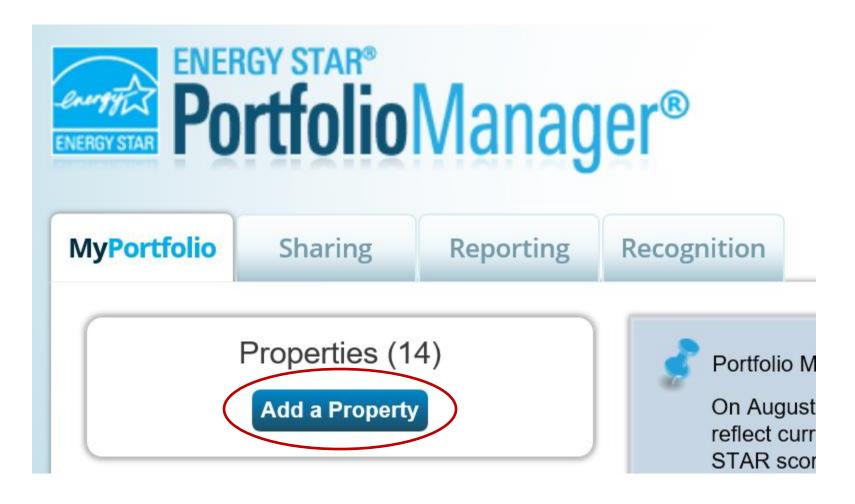


## Portfolio Manager®

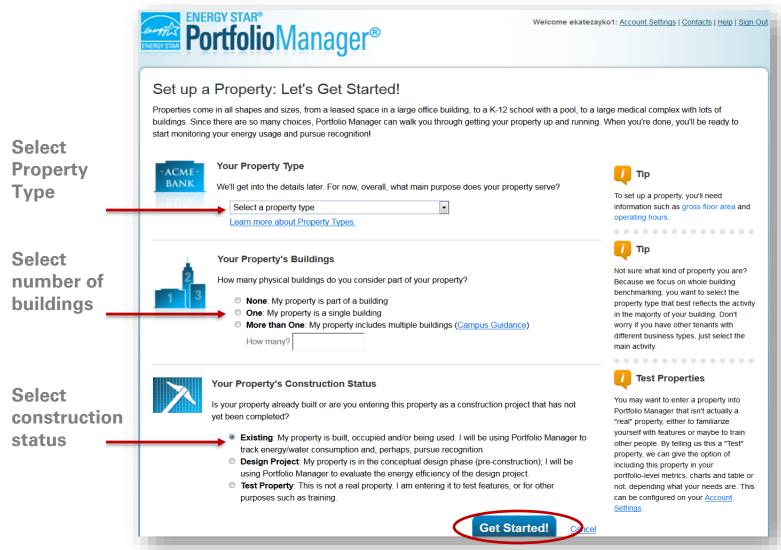
Select "Register Now"

Free, online secure platform: www.energystar.gov/portfoliomanager

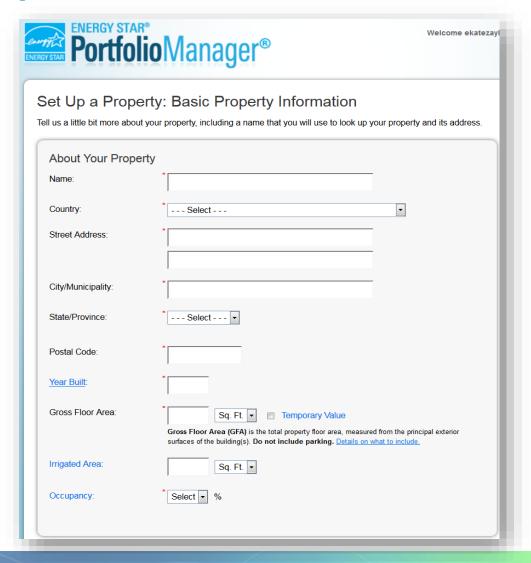
#### Add a Property



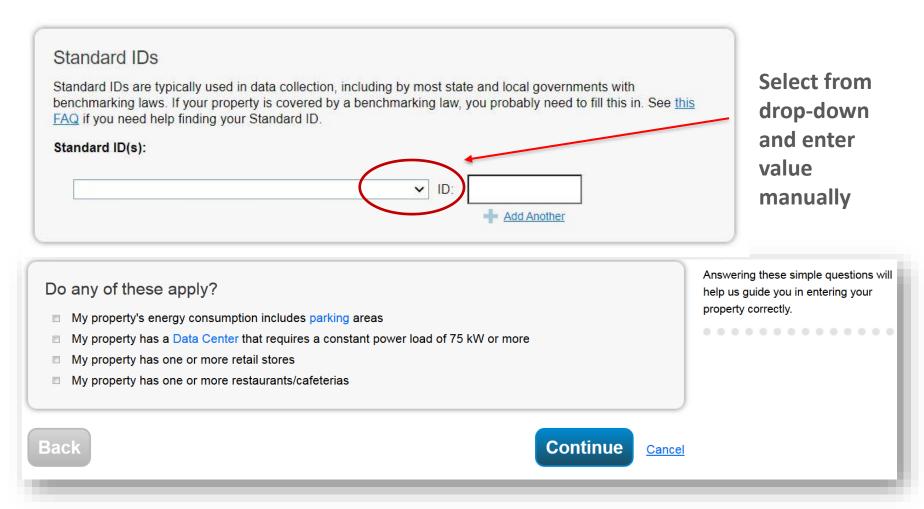
#### **Add a Property: Existing Property**



#### **Basic Property Information**

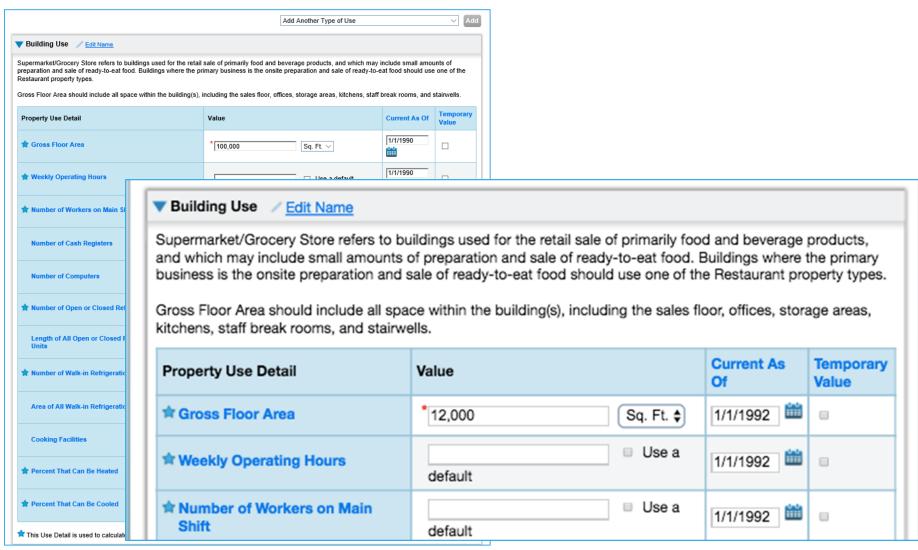


#### **Basic Property Information**

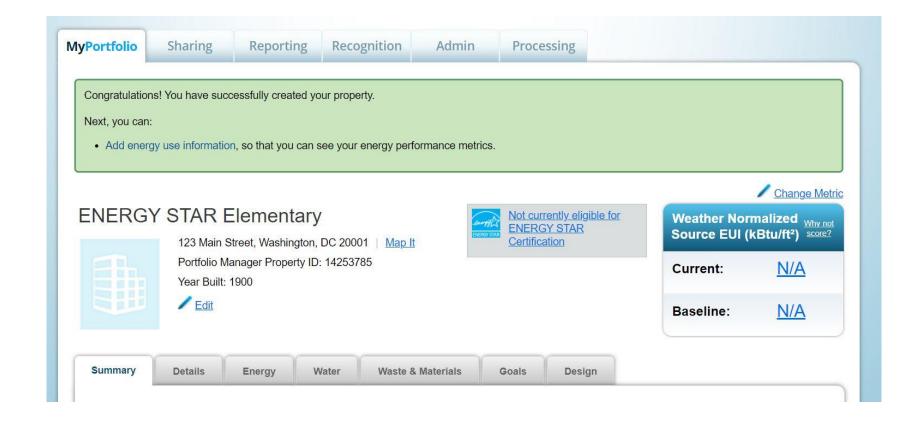


Need help figuring out your standard ID? Click here: <a href="https://sforce.co/3a2Fjxh">https://sforce.co/3a2Fjxh</a>

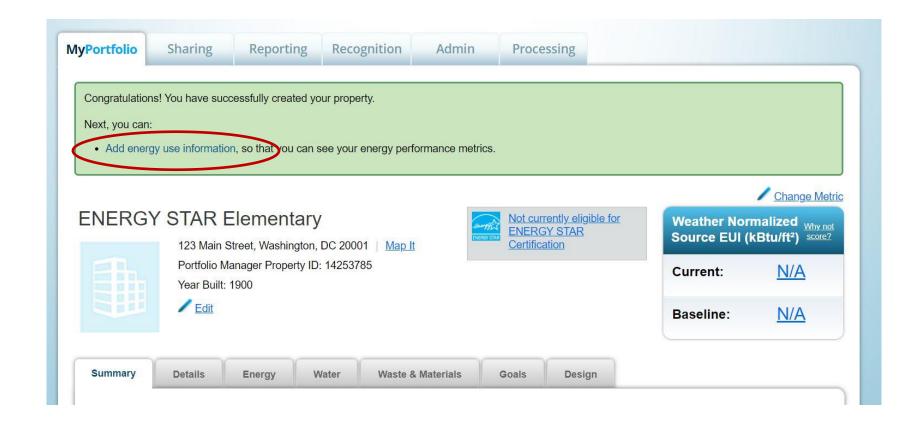
#### **Enter Values for Property Use Details**



#### **Property Summary Tab**



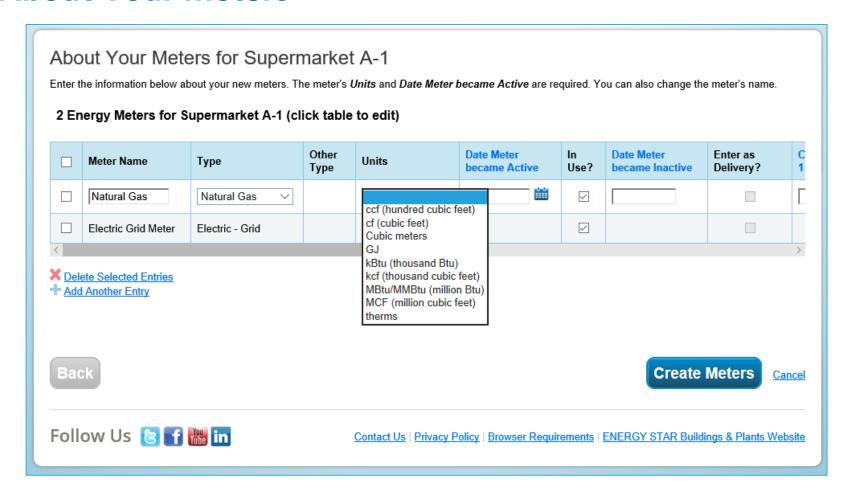
#### **Manual Data Entry – Energy Meters**



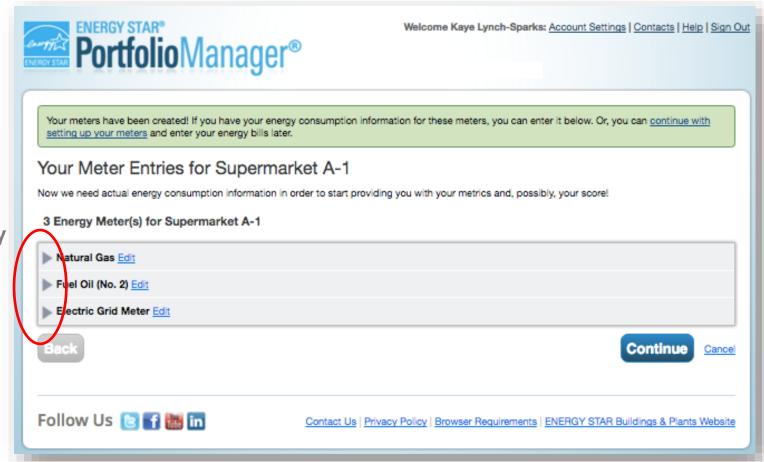
#### **Enter Additional Information**

you can hire an organization that exchanges data to update your energy data automatically.	allows you to set up all of your meters and enter I
Sources of Your Property's Energy	Tracking Energy
What kind of energy do you want to track? Please select all that apply.	To track your energy, create an
☐ Electric	meter for each source of energy
☐ Natural Gas	utility, a neighboring building, or onsite solar or wind panel. If you
☐ Propane	purchase a raw fuel (e.g. gas) a
☐ Fuel Oil (No. 2)	produce your own fuel (e.g., ele- chilled water), you only need a n
☐ Diesel	the fuel you purchased (e.g. gas not for the fuel you produce.
☐ District Steam	not for the ider you produce.
☐ District Hot Water	Two Meters Needed
☐ District Chilled Water	Onsite Solar/Wind
☐ Fuel Oil (No. 4)	If you've got onsite Solar (or Wir
☐ Fuel Oil (No. 5 and No. 6)	still need to enter an Electric Gri Learn More.
☐ Coal (anthracite)	
☐ Coal (bituminous)	Automate Your Met
☐ Coke	Entries
☐ Wood	There are many organizations the electronically enter your utility do
☐ Kerosene	Portfolio Manager. Many utilities
☐ Fuel Oil (No. 1)	this service for free. Service pro- integrate this service into their o
Other:	software and value-added offeri
	<u>Learn more.</u>

#### **About Your Meters**

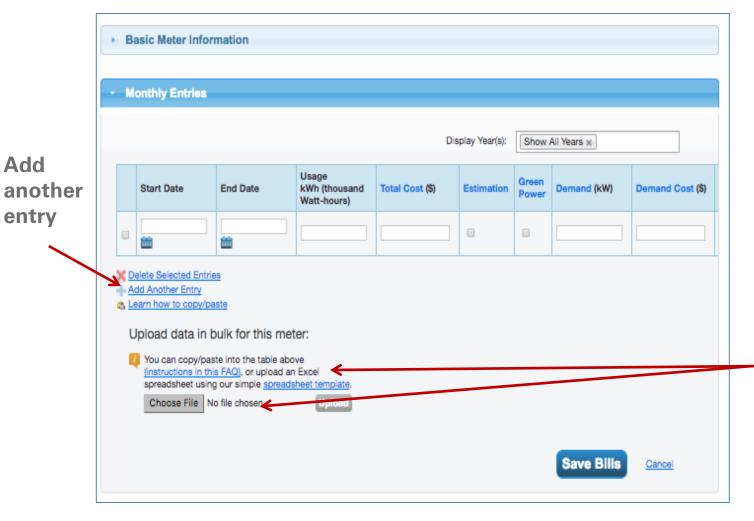


#### **Add Energy Consumption Information**



Expand meter by clicking arrow

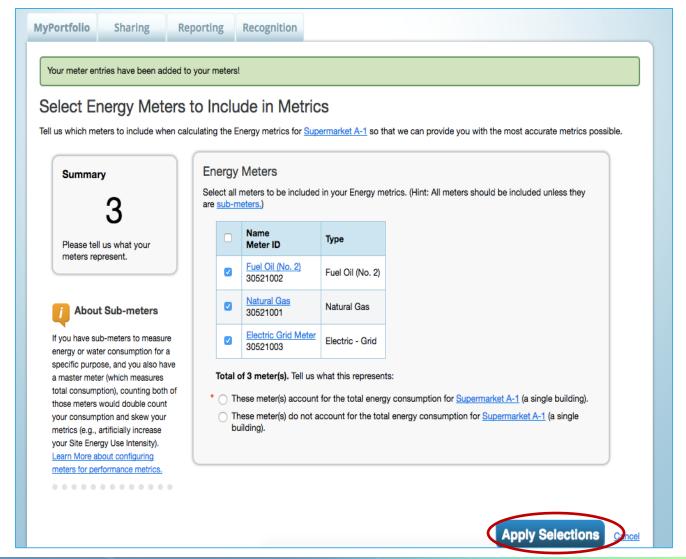
#### Add Meter Entries and Fill in Data



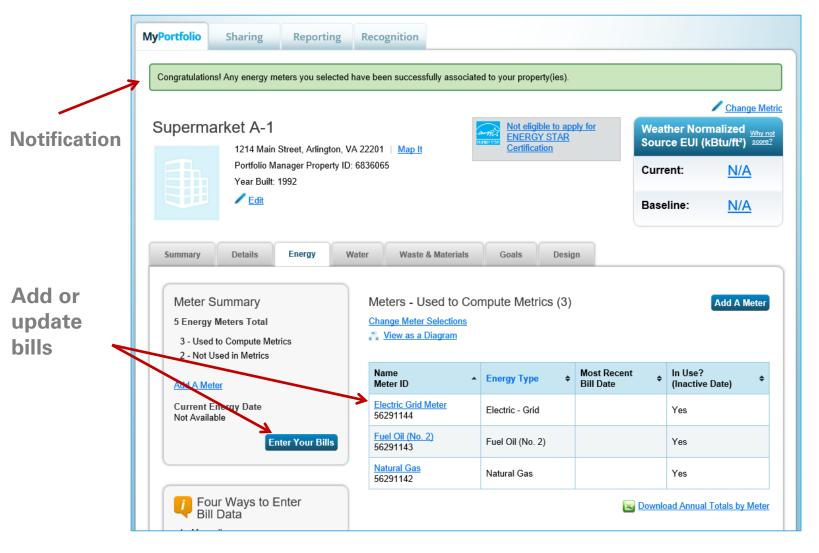
How To Guide: Electric Demand **Tracking** https://www.en ergystar.gov/b uildings/toolsandresources/how track electric demand portfo lio manager.

Use a spreadsheet to upload or copy and paste

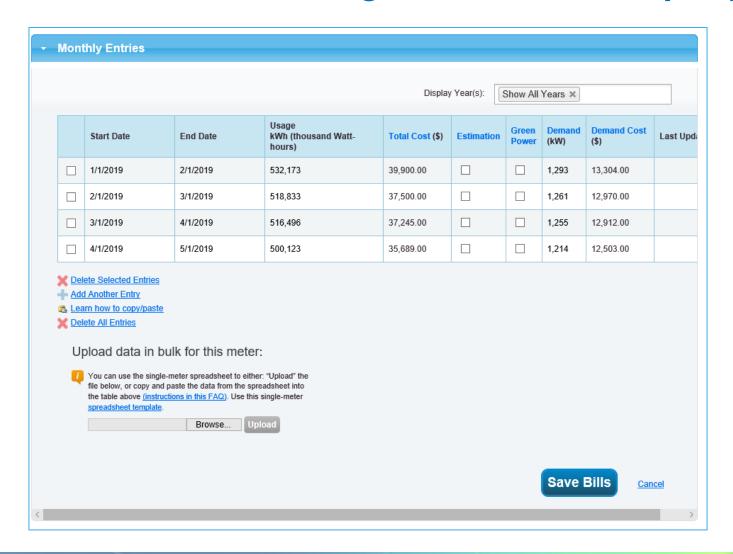
#### **Meters to Add to Total Consumption**



#### **Energy Meters Tab: Meters Added and Displayed**



#### View Meter Data and Manage Bills for Your Property

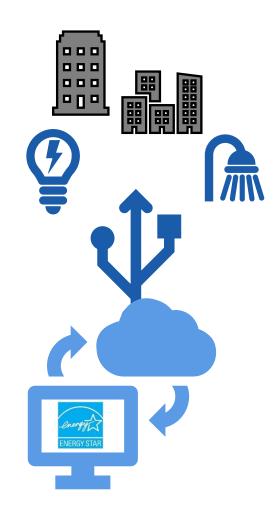


#### **Learning Objectives**

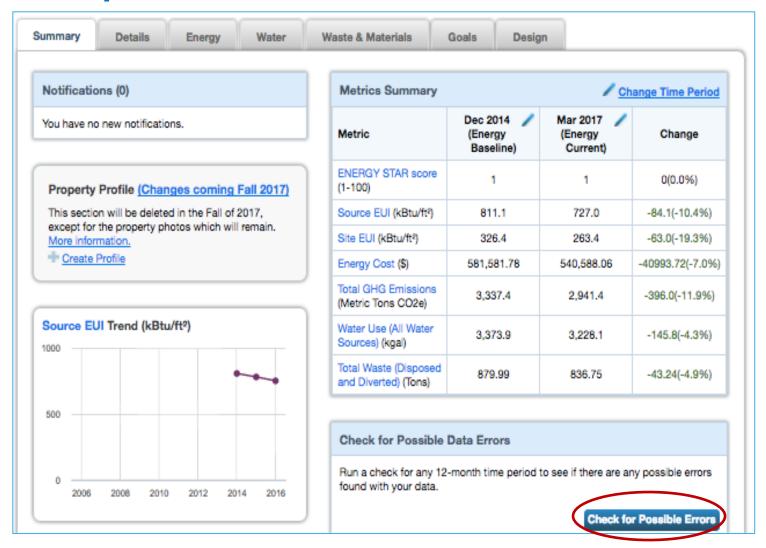
- Understanding the role of EPA's Portfolio Manager tool in benchmarking ordinance compliance
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#### **Common Data Collection Methods**

- Your local jurisdiction will likely collect the required data in one of two ways:
  - Property Share a property share requires you to share your property record and data with your jurisdiction's Portfolio Manager account directly
  - 2. Data Request a Portfolio Manager Data Request that is accessed through a unique link and only requires you to share data for a specific time period



#### **Data Quality Checker**



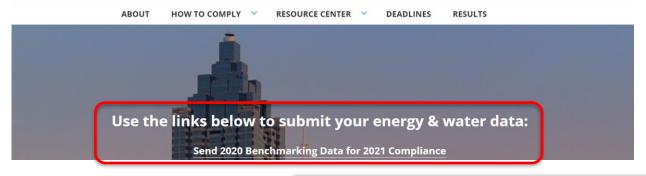
#### **Accessing a Data Request**

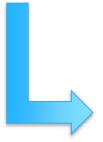


#### **Atlanta Building Efficiency**









#### About this Data Request

Data Requested By: City of Atlanta

Instructions: This reporting template must be used for compliance with the City of Atlanta's

benchmarking requirements in accordance with Section 8-2222 of the Land Development

Code, Part III of the Atlanta City Code.

The deadline for meeting the 2021 compliance requirement is June 1, 2021, covering the calendar year 2020. For detailed instructions on how to comply with Atlanta's benchmarking ordinance and for the most up-to-date information including deadlines.

visit www.atlantabuildingefficiency.com.

Make sure to include your Atlanta Building ID in your submission. To add, go to your property's profile, select the "details" tab at the top, find the "Unique Identifiers" box on the left-hand side, click "edit", scroll down to "Standard IDs", select "Atlanta Buildings ID",

enter your Atlanta Buildings ID, and click "Save".

For help, contact: City of Atlanta at buildingefficiency@atlantaga.gov or Unavailable



#### Responding to Data Requests

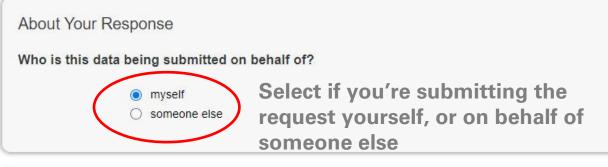
You are viewing this screen because someone has asked you to provide data to them in the form of a data request. To respond, simply fill out the information on this screen and select what properties you wish to include (some decisions may have been made by the data requestor.)

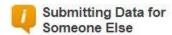
Also see the How to Respond to Data Requests guide

. . . . . . . . . . . . . . .

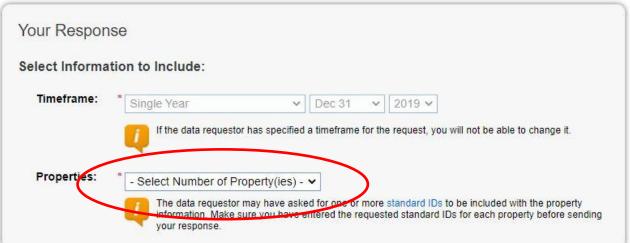


#### **Accessing a Data Request**





Sometimes people delegate their responsibilities for responding to data requests to other people. If you are responding on behalf of someone else, please select their name from your Contacts Book so that they will be attributed to the response.



#### Previewing Reports

Making selections here will include specific properties and timeframes in your response. You may preview your response before you send it. However, Portfolio Manager will need to prepare the preview in order for you to view it. Large responses may take more time to prepare. Your response preview will be available from the "Templates & Reports" section on the Reporting tab when it is ready.

Select properties that are required to benchmark

Generate Response Preview Cancel

#### **Preview Your Response**



#### **Preview Your Response**



#### **Send the Response to Complete Compliance**

Example1 (EXACC Example2 (EXACC	
Example3 (EXACC	
	~
To select multiple contacts	hold down your Control (CTRL) key and click on each selection.
Optional- Additional Email	I Addresses:
Separate multiple emails by	v a comma or semicolon
What format would	d you like your data in for the email attachment?
Excel	, ,
○ XML	
O AINE	
E Cian vous Data E	Deepens then "Sand Date"
E-Sign your Data F	Response, then "Send Data"
☐ I hereby certify that	t I am releasing data about my properties, or on behalf of someone else
Rising Stars with Test O	
Your username:	*
Tour username.	

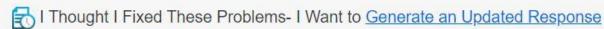
#### **Send the Response to Complete Compliance**

#### What Would You Like To Do?



I Want to Review/Edit these Properties

You can review individual properties/meters by using the links in the table above or download it to Excel in order to begin troubleshooting these issues.



If you have made changes to your data since your response was generated (05/08/2020 03:02 PM EDT), you will need to re-generate the report in order for these changes to be reflected.

Generate Updated Response



I Want to Submit Anyway

If you have verified that any issues listed in the table above are not the result of a mistake, you can continue submitting your response. Note that an incomplete request could be considered invalid or non-compliant by the requestor so it is strongly encouraged that you fix any issue before proceeding.

Send Response

(You will confirm your response on the next screen)

#### **Send the Response to Complete Compliance**



#### **Benchmarking Law Compliance Resources**

- Contacts for state and local benchmarking ordinances:
  - https://energystar-mesa.force.com/PortfolioManager/s/article/Contacts-for-state-local-compliance-ordinances-1600088543441
- Utility data access map: <a href="https://energystar.gov/utilitydata">https://energystar.gov/utilitydata</a>
- List of services providers that perform Portfolio Manager benchmarking services:
  - https://www.energystar.gov/buildings/facility-owners-and-managers/existingbuildings/save-energy/expert-help/find-spp/most\_active
- Finding your Standard ID:
  - https://energystar-mesa.force.com/PortfolioManager/s/article/Standard-IDs-in-Portfolio-Manager-1600088552120
- How to respond to Data Requests in Portfolio Manager:
  - https://www.energystar.gov/buildings/tools-and-resources/how-respond-data-requestsportfolio-manager
- How to share properties in Portfolio Manager:
  - https://www.energystar.gov/buildings/tools-and-resources/how-share-data-other-usersportfolio-manager

#### **Benchmarking Law Compliance FAQs**



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Save at Home

New Homes

Commercial Buildings

Indust



HOME > PORTFOLIO MANAGER FAQS > FEDERAL, STATE & LOCAL REQUIREMENTS

#### STATE & LOCAL BENCHMARKING REQUIREMENTS

ARTICLES

25 ARTICLES

How do I find the receipt for the Data Request that I submitted?

24 Views . Jan 12, 2021 . Knowledge

FAQs are available at <a href="https://www.energystar.gov/buildingshelp">www.energystar.gov/buildingshelp</a>

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To Efficiency and Beyond! How to Benefit from Benchmarking Compliance with Strategies for Improving your Energy Performance

https://www.energystar.gov/buildings/training/complying\_ordinances

#### **Extra Help**

- Visit <u>www.energystar.gov/buildingshelp</u>
  - Extensive list of FAQs
  - Online form to submit technical questions or comments
- Additional Portfolio Manager training resources available at:
  - www.energystar.gov/buildings/training
    - Step-by-step documents (PDF)
    - Access to recorded trainings and short videos
    - Information on upcoming trainings
- Register for regular webinars at: <a href="http://esbuildings.webex.com">http://esbuildings.webex.com</a>
- Portfolio Manager Technical Reference Series:
   <a href="http://www.energystar.gov/index.cfm?c=evaluate\_performance.bus\_portfoliomanager\_model\_tech\_desc">http://www.energystar.gov/index.cfm?c=evaluate\_performance.bus\_portfoliomanager\_model\_tech\_desc</a>

# Thank you for attending! Questions?

Slides will be sent to all webinar registrants after today's session

If you have any questions on Portfolio Manager or the ENERGY STAR program, contact us at: <a href="https://www.energystar.gov/BuildingsHelp">www.energystar.gov/BuildingsHelp</a>

